# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 04 Jul 2023 until 23:59 on Wednesday 05 Jul 2023

Forecast Issued on Monday 03 Jul 2023 at 14:48

**Confidence:** High for changeable conditions initially, and a transition to more settled weather later this week. Only moderate confidence in the shower and cloud details for the coming few days. Forecast should be monitored for changes.

**Headline for Tuesday 04 Jul 2023:** Sunny spells and scattered showers, perhaps heavy and thundery

**Mountain weather hazards on Tuesday 04 Jul 2023**

**Blizzards**
No Likelihood

**Gales**
No Likelihood

**Thunderstorms**
Medium Likelihood

**Heavy persistent snow**
No Likelihood

**Severe chill effect**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Storm force winds**
No Likelihood

**Poor visibility**
No Likelihood

**Strong sunlight**
High Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Light rain showers (night) | Light rain showers (night) | Light rain showers | Heavy rain showers | Thundery showers | Heavy rain showers | Light rain showers | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 40% | 40% | 40% | 50% | 50% | 40% | 30% | 20% |

**Forecast for Tuesday 04 Jul 2023**

**Weather:** Risk of isolated showers throughout the morning, most likely across the west of the Yorkshire Dales. Showers then breaking out across the area from mid-morning, perhaps becoming heavy and locally thundery by the afternoon and may persist into the evening. Becoming generally cloudier throughout the day with a risk of cloud lowering into the afternoon.

**Chance of cloud-free hill tops above 600m:** 60% lowering to 40% in the afternoon

**Low Cloud and visibility:** Scraps of early low cloud may affect higher peaks during the morning, lowest bases likely to the west of the area where they may fall to around 400m at times. Bases soon lifting through the morning but may deteriorate in any heavy showers. Becoming generally cloudier through the afternoon with bases falling to perhaps around 500-600m for a time.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Tuesday 04 Jul 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 19/30 W | 19/29 W | 18/26 W | 20/27 W | 18/26 SW | 18/26 W | 14/21 W | 8/14 W | 7/12 W |
| **300** | 12/28 W | 11/26 W | 12/23 W | 12/24 W | 13/24 W | 14/26 W | 11/20 W | 6/14 W | 6/12 W |
| **Valley** | 8/22 W | 7/21 W | 8/18 W | 13/24 W | 13/25 SW | 11/21 SW | 8/17 W | 3/9 W | 3/7 NW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 8/4 | 7/3 | 7/3 | 9/5 | 10/6 | 10/7 | 10/7 | 9/7 | 8/6 |
| **300** | 10/7 | 9/6 | 10/8 | 12/9 | 13/10 | 13/10 | 12/10 | 10/9 | 10/8 |
| **Valley** | 11/9 | 10/9 | 12/10 | 14/11 | 15/12 | 14/12 | 14/12 | 12/11 | 10/9 |
| **Freezing Level*** | 1600m | 1500m | 1600m | 1700m | 1900m | 2000m | 2000m | 1900m | 1800m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A day of scattered showers and breezy conditions along the tops. Feeling chilly at height during the morning, particularly in any passing showers. Despite shower risk UV levels expected to be high during daylight hours.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Mon 03 Jul 2023 | 8.8mm | 8.8mm | 25.2mm |

**Forecast for Wednesday 05 Jul 2023**

**Weather:** Scattered showers expected throughout the day, some may be heavy but generally a lower risk of lightning compared to previous days. Showers then largely dissipating overnight.

**Maximum wind:** Westerly 17-20mph with gusts of 27-30mph

**Chance of cloud-free hill tops above 600m:** Westerly 17-20mph with gusts of 27-30mph

**Low Cloud and visibility:** Cloud bases mostly remaining above summits throughout the day, low risk of cloud temporary shrouding highest tops in any showers.

**Temperature:** **Valleys:** Plus 9 Celsius riding to Plus 15 Celsius
**At 600m:** Plus 7 Celsius riding to Plus 10 Celsius
**Freezing level:** Well above summits

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